

MISSOURI COHORT REVIEW DATA
2005

2005 Cohort Review, Indices for Contact Investigation	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date
Total Number of TB disease cases	23	27	20	70
TB disease cases on DOT	17/22 77.3%	20/26 76.9%	11/20 55.0%	48/68 70.6%
Number of TB disease cases the died before completion of therapy	3	4	3	10
Number of Pulmonary TB disease cases	18	15	15	48
Number of Smear positive TB disease cases	10	8	8	26
Percent of Smear positive TB disease cases with >0 contacts identified	10/10 100.0%	8/8 100.0%	8/8 100.0%	26/26 100.0%
Smear positive contacts identified	704	155	939	1798
Smear positive contacts appropriate for evaluation	587	137	262	986
Smear positive contacts evaluated	452	130	186	768
Percent of smear positive contacts evaluated	452/587 77.0%	130/137 94.9%	186/262 71.0%	768/986 77.9%
Smear positive contacts started on LTBI treatment	33	21	37	91
Smear positive contacts completed LBTI treatment	8	8	11	27
Smear positive contacts still taking meds for LTBI	20	13	18	51
Smear positive contacts expected to complete LTBI treatment	28/33 84.8%	21/21 100.0%	29/37 78.4%	78/91 85.7%
# MDR cases	1	0	0	1
Rif resistant / intolerant and still on therapy	1	1	0	2
TB disease preventable case rate	12/23 52.2%	16/27 59.3%	13/20 65.0%	41/70 58.6%

MISSOURI COHORT REVIEW DATA
2005

2005 Cohort Review, Selected Treatment Variables	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date
Number of TB disease cases	23	27	20	70
Number of TB disease cases reported at death	1	1	0	2
TB disease cases that died during treatment	3	2	3	8
TB disease cases MDR and still on treatment	0	0	0	0
TB disease cases rifampin resistant / intolerant and still on therapy	1	1	0	2
Percent of TB disease cases that completed an ATS/CDC regimen in <12 months (for whom therapy for one year or less is indicated)	10/18 55.6%	16/22 72.7%	12/17 70.6%	38/57 66.7%
Percent of TB cases likely to complete, plus those that have completed the above regimen	17/18 94.4%	22/22 100.0%	16/17 94.1%	55/57 96.5%
Cohort failure(s)	01/18 5.6%	00/24 0.0%	01/17 5.9%	02/59 3.4%
Percent of Pulmonary TB cases sputum smear (+) that have sputum specimens collected weekly (no less than 8 hrs apart) until 3 consecutive smears are negative	08/10 80.0%	06/07 85.7%	07/08 87.5%	21/25 84.0%
Percent of Pulmonary TB cases sputum smear (+) or sputum culture (+) that have documented sputum culture conversion by two months, collected on consecutive days each month until 3 cultures are (-).	08/10 80.0%	06/07 85.7%	07/08 87.5%	21/25 84.0%
Percent of TB cases on DOT	17/22 77.3%	20/26 76.9%	11/17 64.7%	48/65 73.8%

MISSOURI COHORT REVIEW DATA
2005

2005 Cohort Review, Selected Program Variables	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date
Total Number of TB disease cases	23	27	20	70
TB disease cases interviewed within 3 business days	15/22 68.2%	19/26 73.1%	13/20 65.0%	47/68 69.1%
Percent of RVCTs submitted within 21 days	17/23 73.9%	15/27 55.6%	14/20 70.0%	46/70 65.7%
Class A, B1/B2 Immigrants/Refugees evaluated for TB within 30 days of arrival in MO	09/14 64.3%	09/16 56.3%	12/19 63.2%	30/49 61.2%
Percent of TB disease cases started on an ATS/CDC regimen within 1 month of diagnosis	17/22 77.3%	26/26 100.0%	19/19 100.0%	62/67 92.5%
Percent of TB specimens submitted for NAA testing that were reported <= 48 hrs of receipt at SPHL (Mt. Vernon) = laboratory confirmation	19/21 90.5%	26/28 92.9%	09/15 60.0%	54/64 84.4%

MISSOURI COHORT REVIEW DATA
2005

2005 Cohort Review, Select Epi Variables	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date
Total Number of TB disease cases	23	27	20	70
Number of Pulmonary TB disease cases	18	15	15	48
Number of smear positive TB disease cases	10	8	8	26
Number of Extrapulmonary TB disease cases	5	12	5	22
Age range all cases	15-92	19-90	05-95	15-92
Average age all cases	48	48	89	48
	13/23	17/27	15/20	45/70
Percent Male	56.5%	63.0%	75.0%	64.3%
	10/23	10/27	06/20	26/70
Percent Female	43.5%	37.0%	30.0%	37.1%
	08/09	06/10	3/3	17/22
Known HIV status of TB disease cases in 25-44 age group	88.9%	60.0%	100.0%	77.3%
	14/23	14/27	11/20	39/70
Known HIV status of all TB disease cases	60.9%	51.9%	55.0%	55.7%
	07/23	06/27	04/20	17/70
Percent of TB disease cases not offered HIV testing	30.4%	22.2%	20.0%	24.3%
	00/23	03/27	00/20	03/70
Percent of TB disease cases co-infected with HIV	0.0%	11.1%	0.0%	4.3%
	12/23	16/27	13/20	41/70
Percent of preventable TB disease cases	52.2%	59.3%	65.0%	58.6%

MISSOURI COHORT REVIEW DATA
2005

2005 Cohort Review, Indices as they related to TB Elimination Grant Objectives	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date	Grant Objectives
Percent of TB cases that complete an ATS/CDC regimen in <12 months (for whom therapy for one year or less is indicated)	10/18 55.6%	16/22 72.7%	12/17 70.6%	38/57 66.7%	95%
Percent of TB cases likely to complete, plus those that have completed the above regimen	17/18 94.4%	22/22 100.0%	16/17 94.1%	55/57 96.5%	↑
Smear positive cases with >0 contacts identified	10/10 100.0%	8/8 100.0%	8/8 100.0%	26/26 100.0%	100%
Smear positive contacts evaluated	452/587 77.0%	130/137 94.9%	186/262 71.0%	768/986 77.9%	95%
Smear positive contacts completed LTBI treatment	00/22 0.0%	06/17 35.3%	11/37 29.7%	17/76 22.4%	85%
Smear positive contacts expected to complete, plus those that have completed LTBI treatment	28/33 84.8%	21/21 100.0%	29/37 78.4%	78/91 85.7%	↑
Class A, B1/B2 Immigrants/Refugees evaluated for TB within 30 days of arrival in MO	09/14 64.3%	09/16 56.3%	14/21 63.2%	30/49 61.2%	90%
TB case rate in US Born African Americans	0.1	0.6	1	1.1	<5 per 100,000
Known HIV status for age group 25-44	08/09 88.9%	06/10 60.0%	3/3 100.0%	17/22 77.3%	90%
RVCT Completeness	92.0%	96.0%	97.9%	95.0%	95%
Percent of all laboratory confirmed TB cases that occurred within 48 hours of specimen receipt <Healthy People 2010 Goal>	09/21 42.9%	32/41 78.0%	09/15 60.0%	50/77 64.9%	75%